

HF Happenings 782



Volume 15, Issue 45, the week of 12 February 2018



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HF Happenings from
www.sarl.org.za/hf_happenings.asp

February

3 – Closing date for the Summer QRP logs;
the East Rand Club's flea market
4 - AWA CW Activity Day; World Cancer
Day
10 and 11 – National Field Day and the CQ
WPX RTTY contest
11 – International Day for Women and
Girls in Science
13 – World Radio Day
14 – Valentine's Day
15 – Closing date for PEARS VHF Logs
16 to 18 – KykNET Buite-expo, Western
Cape, Môreson Farm, Malmesbury
17 - SARL Youth Sprint; Pretoria ARC rally
communications at HMC
17 and 18 - ARRL DX CW Contest
19 - Closing date for Nation Field Day logs
and AWA CW logs
21 – at 05:00 on 21 February 1917, the
sinking of the SS Mendi
22 – closing date for the March Radio ZS
23 to 25 – Beeld Holiday Show, Gallagher
Convention Centre
24 and 25 – Clarens Beer Festival
24 – closing date Youth logs; West Rand
Flea market and CTARC meeting
25 – SARL Digital Contest

Apologies from ZS4BS

Carina and I have been away from home for the past two weeks, spending time in Welkom. Carina's Mom (83) was admitted to hospital for tests and she has been diagnosed with dementia. We have arranged for new accommodation at a Nursing Care centre where she will get 24/7 care and removed all her belongings from the Old Age Home.

Latest from the Republic of Kosovo (11 February)

The weather has been warming up in Kosovo lately and is currently above the freezing mark. Many are wondering why it isn't possible to eliminate the noise by setting up camp in the quiet open field. The underlying fact is that Pristina is more than 650 m above the sea level and this winter has been particularly cold with -13 C temperatures experienced during the activation period. There are prospects in place for the final and upcoming week to operate from a better place. Driton, Z61DX, has been testing the location and reception is dramatically better than at Z60A.

Considering that Kosovo will stay on the DXCC map and that this is the very first activation, not all noise and other challenges are expected to be resolved. However, a remote location for RX/TX is underway and the first tests may be done this week. Bill, AA7XT, has donated an XR9 antenna to this application and it is now used at a temporary location by Z61DX - soon to be moved to the remote site. The project seeks a reasonably priced pair of second-hand TS590 rigs for remote implementation. Please contact N7NG or OH2BH.

The purpose of this first activation was to bring in delegates from as many countries as possible. This helps Kosovar amateurs in expanding their network of friends into many interesting countries – something that had not happened over the past years of "none" status. During this coming week Toivo, ES2RR, will boost the number of delegate countries to ten (10).

The departing German/Slovenian team of DJ5IW, DM5TI, DD2ML and S57AW did a fantastic job while introducing the data modes (RTTY and FT8). They made up to 10 000 digital QSOs (some 4 000 in the WPX RTTY), with the Z60A project total now reaching 70 000. Driton, Z61DX, and his brother Agim, Z61AS, were also active all-day Saturday on FT8 as a result of the past week's work by Ulli, DD2ML, and others.

During this RTTY weekend, the SHRAK HQ location was exclusively activated on 20 m SSB by locals: Z61VB, Z61FF, Z62FB and Z63DBB.

The DX community has been generous to their fellow amateurs in Kosovo. All donations are temporarily marked for SHRAK needs and will be managed by the Yasme Foundation directors Martti, OH2BH, and Hans, PB2T, together with Pertti, OG2M, and SHRAK president Vjollca, Z61VB. The "early LoTW with fast paper QSL" concept will continue to 15 March 2018. Thanks also to Jyri, OH2KM, for managing all related data operations.

The final jubilee week is now starting. An international delegation will participate in the ceremonies celebrating the 10th anniversary of Independence. In addition, they will give out new DXCC contacts to those who still have an "ATNO" need and be active in the ARRL DX CW contest. The team includes Z61DX, ES2RR, OG2M, OH1MA, OH2BH and others.

Regards from the vibrant city of Pristina, with many new prospects underway!

Print a footswitch

Forgot your footswitch for a contest, but just happen to have access to a 3D printer, and have a micro-switch in the junk box? Try this 'printable' design from RemoteQTH.com <https://remoteqth.com/3d-ptt-foot-switch.php>. You might have to tread lightly to make it to the end of the contest.

St Patrick's Day

In Ireland we traditionally celebrate St Patrick's Day on 17 March (*coincides with my wedding anniversary!*) But with radio we go world-wide by getting on air following the time zones as people celebrate across the globe from 12:00 on 16 March until 12:00 on 18 March. So why not take part in this fun e-award and help turn the bands green for St Patrick's Day. For more information go to <http://stpatrickaward.webs.com>

It is also the wedding anniversary of ZS4BS and his beautiful wife (17 March) but no award is available for that!

3Y0I Bouvet DXpedition News (Rebooted DXpedition)

According to the Web page <https://bouvetoya.org/>, operators Dominik, 3Z9DX, Stanislaw, SQ8X, Leszek, SP3DOI, Branko, YU4DX and Frans, J69DS have rebooted their plans to activate Bouvet Island. They state, "Our trip originally planned at the end of 2017 was cancelled at the request of the organisers of the '3Y0Z' expedition. Due to the cancellation by the organizers, we are now returning to the implementation of our project and preparations for our trip as a matter of urgency." No dates are mentioned on the web page, but "DX-WORLD.net" states that they "received information from a Norwegian contact that the 3Y0I license has been renewed. A landing permit has also been issued by the Norwegian Polar Institute. No dates of activity are mentioned, but the permit is good until February 2019. However, DX-World contact suggests activity could be sometime this year." The expedition plans are as follows per the Web page:

How? For the purposes of the expedition, a 24-m-high seagoing yacht with a PowerSail sails and 2 engines of 250 HP was chartered. The unit is adapted to move in extreme weather conditions. During the stay on the island, before the bad weather, we will be protected by proper construction of expedition tents.

Where? Our expedition will start in South Africa, from where we will sail to the Bouvet Island. We will cover over 2 800 nautical miles in the far South Atlantic. It is over ... 5 200 km! After landing on Bouvet Island, we will install a camp and shortwave radio on the glacier plateau (it covers 93% of the island's surface. In good weather, we will get Olavtoppen - the highest peak of the island rising 760 m above sea level.

When? Our expedition will take place during the sub-Antarctic summer in the Southern Hemisphere. A sea journey in stormy conditions will take about 12 days one way. If the weather is favourable for us, we will spend about two weeks on the island. With successful winds, the expedition plan will close in about a month and a half.

Stay tuned for further details.....

3Y0Z Bouvet DXpedition News (From 3Y0Z Web page)

On 5 February, the captain of the MV Betanzos decided that it was the best interest of safety and expediency to proceed directly to Cape Town, South Africa, rather than Punta Arenas, Chile. They also headed north to avoid the possibility of encountering ice and then headed easterly toward Cape Town. The entire team was reported safe resting in their bunks and in good spirits.

It was reported on Thursday 8 February at 2045 UTC, "49.32 degrees South, 6.73 degrees East. 1,058 nautical miles from Cape Town. We are continuing our slow voyage to Cape Town, currently making 6 knots, with one of our two engines out. The team is healthy, with plenty of food and water and working to keep our spirits up. We cannot, however, escape the cloud of disappointment hovering over us and the DX community. We travelled 2 700 nautical miles to Bouvet, but the last mile proved to be the most difficult.

As we type this, a tugboat is on its way to assist our vessel to the port of Cape Town. We will continue to keep everyone informed, as this saga plays out. We would like to thank all our friends and families who have been with us every mile of the way. Your good wishes, thoughts and prayers have sustained us over the last three weeks.

Ralph, KOIR, Bob, K4UEE and Erling, LA6VM

Remember to visit the team's media pages (Twitter, Facebook) as well as their Web page to read updates, see pictures and videos of their trip 3Y0Z Web page www.bouvetdx.org/news-and-updates; 3Y0Z Facebook www.facebook.com/groups/639362206232014 and 3Y0Z Twitter https://twitter.com/Bouvet_3Y0Z. Also remember to follow their voyage by watching the following URL links <https://share.garmin.com/bouvet> and www.marinetraffic.com/en/ais/details/ships/shipid:777230/mmsi:725000291/imo:7310923/ves-sel:BETANZOS#lrjZAqtjXemvHHQW.99

DXCC News

ARRL Announces Mobile DXCC Operating Award. The ARRL posted the following on 9 February, on their Web page, "ARRL this week announced a Mobile DXCC Operating Award available to radio amateurs who have contacted at least 100 DXCC entities from a working vehicle with antennas and power source capable of operating while in motion. ARRL Radiosport Manager Norm Fusaro, W3IZ, advised those pursuing the award to put safety first.

Distracted driving is a serious concern, so we hope all mobile operators exercise care when operating from a moving vehicle," he said.

Full, official details are on the Mobile DXCC Operating Award page www.arrl.org/mobile-DXCC. Read the complete announcement at www.arrl.org/news/arrl-announces-mobile-dxcc-operating-award

DXCC's Most Wanted (ClubLog)

The "DXCC Most Wanted" entities list has been updated on ClubLog as of 7 February. The list contains 340 entities and the top 10 entities seems to have changed with the addition of Kosovo:

1. P5 DPRK (North Korea)
2. 3Y/B Bouvet Island
3. FT5/W Crozet Island
4. Z6 Republic of Kosovo
5. CEOX San Felix Islands
6. KH1 Baker Howland Islands
7. BS7H Scarborough Reef
8. BV9P Pratas Island
9. KH7K Kure Island
10. KH3 Johnston Island

The complete "DXCC Most Wanted" entities list is available at <https://secure.clublog.org/most-wanted.php>

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award.

Rwanda, 9X (Unusual call sign). By the time you read this, Christian, M0UPL, will be active using the unusual callsigns 9XSDA from Kigali, Rwanda, until 18 February. The suffix "SDA" stands for "Seventh Day Adventist Church". Activity will be on 40 and 20 meters using mainly SSB. QSL via M0UPL direct to: Cristian Panaitescu, 131 Stafford Road, CR0 4NN, Croydon, United Kingdom.

Benin, TY. Wim, ON6DX (www.dxpediton.be/Benin.html) will be active again as TY1TT from Grand Popo, Benin between 20 and 28 February. He will operate CW, SSB and RTTY between 160 and 10 metres. QSL via ON6DX, direct or bureau and LoTW; log search and OQRS on Club Log.

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

FT8 DXpediton Mode

A "Release Candidate" version (WSJT-X v1.9.0-rc1) of the WSJT-X digimode software is due to be released later this month. It will introduce a new "FT8 DXpedition Mode", whose basic goal is to enable DXpeditions to make FT8 QSOs at the highest possible rates. The DXpedition station (the "Fox") will be able to transmit up to five signals simultaneously and contact multiple calling stations (the "hounds") at the same time. The new mode will permit contacts to be completed with as little as one Fox transmission per contact, and sustained rates of several hundred QSOs/hour are expected to be possible. Making FT8 QSOs with KH1/KH7Z (this summer's expedition to Baker Island) will require the DXpedition and everyone trying to work them to use the new version of WSJT-X. A draft of the "FT8 DXpedition Mode User Guide" can be found at http://physics.princeton.edu/pulsar/k1jt/FT8_DXpedition_Mode.pdf.

INDEXA Newsletter

The Winter 2018 edition (#120) of the International DX Association's Newsletter (INDEXA) is now available for download at www.indexa.org/newsletters.html. "I am sure you would all rather be trying to bust the pileup at Bouvet at this moment", John, K8YC says, but "overcoming the obstacles of operating from Bouvet will have to wait for another day. Let us then turn our minds to the XX9D DXpedition to Macao with this edition of the newsletter. The route to Macao is far less arduous, and the climate is much warmer. Yet, as we will learn, some adversity has a way of creeping into any endeavour".

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 12 to 19 February 2018

ARRL School Club Roundup
13:00 UTC 12 February to 23:59 UTC 16 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW, Phone, RTTY/Digital
Bands: All, except 60, 30, 17, 12 m
Classes: Single Op (I); Club/Multi-Op (C); School Club/Group (S)
Max operating hours: 24 hours total; 6 hours out of any 24-hour period with off times of at least 30 minutes
Exchange: RS(T), Class (I/C/S) and state, province or country
Work stations: Once per mode
QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO
Multipliers: States and VE provinces and DXCC countries and (2 x class C QSOs) and (5 x class S QSOs)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 3 March 2018
Post log summary at: www.b4h.net/arrlscr/
Mail logs to: School Club Roundup, c/o LIMARC, PO Box 392, Levittown, NY 11756, USA
Find rules at: www.arrl.org/school-club-roundup

PODXS 070 Club Valentine Sprint
00:00 - 23:59 UTC 14 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: PSK31
Bands: 160, 80, 40 m
Classes: OM - QRP, LP, MP or HP; YL - QRP, LP, MP or HP
Max operating hours: 6

Max power: HP: 100 watts; MP: 50 watts; LP: 25 watts; QRP: 5 watts
Exchange: Name, OM or YL and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO with OM; 2 points per QSO with YL
Multipliers: Each state, province and DXCC country once only
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 28 February 2018
E-mail logs to: (none)
Upload log at: <http://hamclubs.info/scorer/>
Mail logs to: (none)
Find rules at: www.podxs070.com/o7o-club-sponsored-contests/valentine-sprint

NAQCC CW Sprint
01:30 - 03:30 UTC 14 February
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: (none)
Max power: 5 watts
Exchange: RST, state, province or country and NAQCC no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
Multipliers: Each state, province, or country once;
Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other
Score Calculation:

Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 17 February 2018

E-mail logs to: nagcc33@windstream.net and/or jcoreyc@gmail.com

Upload log at: http://nagcc.info/sprint_sub-mit_log.html

Mail logs to: (none)

Find rules at:

<http://nagcc.info/sprint/sprint201802.html>

QRP Fox Hunt

02:00 - 03:30 UTC 14 February

Geographic Focus: United States

Participation: Worldwide

Mode: CW

Bands: 40 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST and state, province or country and name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 15 February 2018

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: www.qrpfoxhunt.org/winter_rules.htm

Phone Fray

02:30 - 03:00 UTC 14 February

Geographic Focus: North America

Participation: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 16 February 2018

E-mail logs to: (none)

Post log summary at: www.3830scores.com

Mail logs to: (none)

Find rules at: www.perluma.com/Phone_Fray_Con-test_Rules.pdf

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 14 February and 03:00 - 04:00 UTC 15 February

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op – QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-

Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 17 February 2018

Post log summary at: www.3830scores.com

Mail logs to: (none)

Find rules at: www.cwops.org/cwt.html

RSGB 80 m Club Championship, Data

20:00 - 21:30 UTC 14 February

Geographic Focus: United Kingdom

Participation: Worldwide

Awards: United Kingdom

Mode: RTTY, PSK

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 15 February 2018

Upload log at: www.rsgbcc.org/cgi-bin/hfenter.pl

Mail logs to: (none)

Find rules at: www.rsgbcc.org/hf/rules/2018/r80_mcc.shtml

NCCC RTTY Sprint

01:45 – 02:15 UTC 16 February

Geographic Focus: North America

Participation: Worldwide

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 18 February 2018

E-mail logs to: (none)

Post log summary at: www.3830scores.com/

Mail logs to: (none)

Find rules at: www.ncccsprint.com/rttyns.html

QRP Fox Hunt

02:00 - 03:30 UTC 16 February
 Geographic Focus: United States
 Participation: Worldwide
 Mode: CW
 Bands: 80 m Only
 Classes: Single Op – fox or hound
 Max power: 5 watts
 Exchange: RST, state, province or country, name and power output
 QSO Points: 1 point per QSO
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 03:30 UTC 17 February 2018
 E-mail logs to: (see rules)
 Mail logs to: (none)
 Find rules at: www.qrpfoxhunt.org/winter_rules.htm
 NCCC Sprint
 02:30 - 03:00 UTC 16 February
 Geographic Focus: North America
 Participation: Worldwide
 Mode: CW
 Bands: (see rules)
 Classes: (none)
 Exchange: Serial no, name and QTH
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 18 February 2018
 E-mail logs to: (none)
 Post log summary at: www.3830scores.com/
 Mail logs to: (none)
 Find rules at: www.ncccsprint.com/rules.html

ARRL International DX CW Contest
 00:00 UTC 17 February to 24:00 UTC 18 February
 Geographic Focus: United States/Canada
 Participation: Worldwide
 Awards: Worldwide
 Mode: CW
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes:
 Single Op All Band - QRP, low or high; Single Op Single Band; Single Op Unlimited - low or high; Multi-Single - low or high; Multi-Two; Multi-Multi
 Max power: HP: 1 500 watts; LP: 150 watts; QRP: 5 watts
 Exchange: W/VE: RST and state or province; non-W/VE: RST and power
 Work stations: Once per band
 QSO Points: 3 points per QSO
 Multipliers: W/VE: Each DXCC country once per band; Non-W/VE: Each state, District of Columbia, VE province/territory once per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 23:59 UTC 23 February 2018
 E-mail logs to: (none)
 Upload log at: <http://contest-log-submission.arrl.org>

Mail logs to: ARRL Intl DX Contest, CW, ARRL, 225 Main St., Newington, CT 06111, USA
 Find rules at: www.arrl.org/arrl-dx

SARL Youth Day Sprint
 08:00 – 10:00 UTC 17 February
 Mode: SSB
 Bands: 40 m Only
 Classes: (none)
 Exchange: RS and age
 QSO Points: 5 points per QSO between operators 25 or younger; 2 points per QSO between 25 or younger operator and a 26 or older operator; 1 point per QSO between operators 26 or older
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 24 February 2018
 E-mail logs to: contest@sarl.org.za
 Mail logs to: (none)
 Find rules at: www.sarl.org.za/Web3/Members/Doc-DocDown-load.aspx?X=201712180812348XdiUz5yFy.PDF

Russian PSK WW Contest
 12:00 UTC 17 February to 11:59 UTC 18 February
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: BPSK31, BPSK63, BPSK125
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band
 Max power: 100 watts
 Exchange: RU: RST and 2-letter oblast; non-RU: RST and serial no
 QSO Points: 1 point per QSO with same country on 20, 15, 10 m; 3 points per QSO with different country same continent on 20, 15, 10 m; 5 points per QSO with different continent on 20, 15, 10 m; 2 point per QSO with same country on 160, 80, 40 m; 6 points per QSO with different country same continent on 160, 80, 40 m; 10 points per QSO with different continent on 160, 80, 40 m
 Multipliers: Each country once per band; Each oblast once per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 23:59 UTC 23 February 2018
 E-mail logs to: rusww@rdrclub.ru
 Upload log at: http://ua9qcq.com/en/submit_log.php?lang=en
 Mail logs to: (none)
 Find rules at: www.rdrclub.ru/russian-ww-psk-contest/49-rus-ww-psk-rules

Feld Hell Sprint
 19:00 - 20:59 UTC 17 February
 Geographic Focus: Worldwide

Participation: Worldwide
 Mode: Feld Hell
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: (none)
 Max power: Standard: 100 watts; QRP: 5 watts
 Exchange: (see rules)
 Work stations: Once per band
 QSO Points: (see rules)
 Bonus Points: (see rules)
 Multipliers: (see rules)
 Score Calculation: (see rules)
 Submit logs by: 21 February 2018
 Upload log at: <https://sites.google.com/site/feldhell-club/>
 Mail logs to: (none)
 Find rules at: <https://sites.google.com/site/feldhell-club/Home/contests/sprints/bingo-sprint>

AWA Amplitude Modulation QSO Party
 23:00 UTC 17 February to 23:00 UTC 18 February
 Geographic Focus: United States
 Participation: Worldwide
 Mode: AM
 Bands: 160, 80, 40, 20 m
 Classes: (none)
 Exchange: Name and state, province or country
 Work stations: Once per band
 QSO Points: Power>100 W: 1 point per QSO;
 Power<=100 W: 2 points per QSO; 5 points per QSO
 on 20 m; 10 points for first QSO with W2AN or
 W1HRX
 Multipliers: (none)

Score Calculation:
 Total score = total QSO points
 Submit logs by: 30 March 2018
 E-mail logs to: w1gig@arrl.net
 Mail logs to: AB2RA Janis Carson, 61 Rothermich Rd.,
 Ithaca, NY 14850-9323, USA
 Find rules at: www.antiquewireless.org/awa-amplitude-modulation-qso-party.html

Classic Exchange, Phone
 14:00 UTC 18 February to 08:00 UTC 19 February and
 14:00 UTC 20 February to 08:00 UTC 21 February
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: AM, SSB, FM
 Bands: 160, 80, 40, 20, 15, 10, 6, 2 m
 Classes: (none)
 Exchange: Name, RS, state, province or country and
 rcvr/xmtr manuf/model
 Work stations: Once per band per mode per rcvr/xmtr
 manuf/model
 QSO Points: (see rules)
 Multipliers: (see rules)
 Score Calculation: Total score = sum (total mode QSO
 points x total mode mults) and Bonus Points
 Submit logs by: 30 April 2018
 E-mail logs to: k2rp@arrl.net
 Mail logs to: K2RP, 659 Shanas Lane, Encinitas, CA
 92024, USA
 Find rules at: www.classicexchange.org/jan18/jan18ann.html

Explore and decode RF digital signals

Universal Radio Hacker (URH) <https://github.com/jopohl/urh> is an open-source project that you can use in conjunction with SDR hardware to explore and decode RF digital signals. It helps you explore everything above and including the 'physical layer' of the protocol stack. Applications could include decoding the protocol a wireless doorbell is using, or getting your weather station's data into your PC using a cheap DVB-T dongle <https://www.rtl-sdr.com/reverse-engineering-weather-station-rf-signals-with-an-rtl-sdr/>.

Next Week's Contests

Run for the Bacon QRP Contest, 02:00 - 04:00 UTC 19 February
 QRP Fox Hunt, 02:00 - 03:30 UTC 21 February
 Phone Fray, 02:30 - 03:00 UTC 21 February
 CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 21 February and 03:00 - 04:00 UTC 22 February

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter